

PCT REQUEST

100651-1 WO

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0	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	<b>Form - PCT/RO/101 PCT Request</b>	
0-4-1	Prepared using	<b>PCT-EASY Version 2.92 (updated 01.07.2003)</b>
0-5	<b>Petition</b> The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	<b>Receiving Office (specified by the applicant)</b>	<b>United Kingdom Patent Office (RO/GB)</b>
0-7	<b>Applicant's or agent's file reference</b>	<b>100651-1 WO</b>
I	<b>Title of invention</b>	<b>NEW FILM COATING</b>
II	<b>Applicant</b>	
II-1	This person is:	<b>applicant only</b>
II-2	Applicant for	<b>AP: (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA: (AM AZ BY KG KZ MD RU TJ TM); EP: (AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA: (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW</b>
II-4	Name	<b>ASTRAZENECA AB</b>
II-5	Address:	<b>Sodertalje S-151 85 Sweden</b>
II-6	State of nationality	<b>SE</b>
II-7	State of residence	<b>SE</b>
II-8	Telephone No.	<b>+44 1625 230148</b>
II-9	Facsimile No.	<b>+44 1625 510752</b>

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III-1	<b>Applicant and/or inventor</b>	
III-1-1	This person is:	applicant only
III-1-2	Applicant for	MG
III-1-4	Name	ASTRAZENECA UK LIMITED
III-1-5	Address:	15 Stanhope Gate London, Greater London W1K 1LN United Kingdom
III-1-6	State of nationality	GB
III-1-7	State of residence	GB
III-2	<b>Applicant and/or inventor</b>	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	KARLSSON, Ola, J
III-2-5	Address:	Lund University Box 124 S-221 00 Lund Sweden
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III-2-7	State of residence	SE
III-3	<b>Applicant and/or inventor</b>	
III-3-1	This person is:	applicant and inventor
III-3-2	Applicant for	US only
III-3-4	Name (LAST, First)	HJARTSTAM, Lars, Johan, Pontus de Verdier
III-3-5	Address:	AstraZeneca R&D Molndal S-431 83 Molndal Sweden
III-3-6	State of nationality	SE
III-3-7	State of residence	SE
III-4	<b>Applicant and/or inventor</b>	
III-4-1	This person is:	applicant and inventor
III-4-2	Applicant for	US only
III-4-4	Name (LAST, First)	SCHANTZ, Staffan
III-4-5	Address:	AstraZeneca R&D Molndal S-431 83 Molndal Sweden
III-4-6	State of nationality	SE
III-4-7	State of residence	SE

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IV-1	<b>Agent or common representative; or address for correspondence</b> The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	<b>agent</b>
IV-1-1	Name	<b>ASTRAZENECA</b>
IV-1-2	Address:	<b>Global Intellectual Property Mereside Alderley Park Macclesfield, Cheshire SK10 4TG United Kingdom</b>
IV-1-3	Telephone No.	<b>+44 1625 230148</b>
IV-1-4	Facsimile No.	<b>+44 1625 510752</b>
V	<b>Designation of States</b>	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT EP: AT BE BG CH&amp;LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</b>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<b>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&amp;LI CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</b>

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<b>V-5</b>	<b>Precautionary Designation Statement</b> In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.		
<b>V-6</b>	<b>Exclusion(s) from precautionary designations</b>	<b>NONE</b>	
<b>VI-1</b>	<b>Priority claim of earlier national application</b>		
VI-1-1	Filing date	<b>12 April 2002 (12.04.2002)</b>	
VI-1-2	Number	<b>0201110-4</b>	
VI-1-3	Country	<b>SE</b>	
<b>VII-1</b>	<b>International Searching Authority Chosen</b>	<b>European Patent Office (EPO) (ISA/EP)</b>	
<b>VII-2</b>	<b>Request to use results of earlier search; reference to that search</b>		
VII-2-1	Date	<b>12 April 2002 (12.04.2002)</b>	
VII-2-2	Number	<b>SE 02/00335</b>	
VII-2-3	Country (or regional Office)	<b>EP</b>	
<b>VIII</b>	<b>Declarations</b>	<b>Number of declarations</b>	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
<b>IX</b>	<b>Check list</b>	<b>number of sheets</b>	<b>electronic file(s) attached</b>
IX-1	Request (including declaration sheets)	<b>5</b>	-
IX-2	Description	<b>31</b>	-
IX-3	Claims	<b>5</b>	-
IX-4	Abstract	<b>1</b>	<b>EZABST00.TXT</b>
IX-5	Drawings	<b>0</b>	-
IX-7	<b>TOTAL</b>	<b>42</b>	

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	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-13	Priority document(s)	Item(s) VI-1	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract		
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name	ASTRAZENECA	
X-1-2	Name of signatory	AGENT	
X-1-3	Capacity	ASTRAZENECA	

## FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/EP
10-6	Transmittal of search copy delayed until search fee is paid	

## FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

<b>0</b>	<b>For receiving Office use only</b>	
0-1	International Application No.	
0-2	Date stamp of the receiving Office	
0-4	<b>Form - PCT/RO/101 (Annex)</b>	
0-4-1	PCT Fee Calculation Sheet Prepared using	<b>PCT-EASY Version 2.92 (updated 01.07.2003)</b>
0-9	Applicant's or agent's file reference	<b>100651-1 WO</b>
2	Applicant	<b>ASTRAZENECA AB, et al.</b>
12	<b>Calculation of prescribed fees</b>	<b>fee amount/multiplier      Total amounts (GBP)</b>
12-1	Transmittal fee <b>T</b>	$\Rightarrow$ <b>55</b>
12-2-1	Search fee <b>S</b>	$\Rightarrow$ <b>592</b>
12-2-2	International search to be carried out by	<b>EP</b>
12-3	International fee Basic fee (first 30 sheets) <b>b1</b>	<b>278</b>
12-4	Remaining sheets	<b>12</b>
12-5	Additional amount <b>(X)</b>	<b>6</b>
12-6	Total additional amount <b>b2</b>	<b>72</b>
12-7	<b>b1 + b2 = B</b>	<b>350</b>
12-8	Designation fees Number of designations contained in international application	<b>95</b>
12-9	Number of designation fees payable (maximum 5)	<b>5</b>
12-10	Amount of designation fee <b>(X)</b>	<b>60</b>
12-11	Total designation fees <b>D</b>	<b>300</b>
12-12	PCT-EASY fee reduction <b>R</b>	<b>-86</b>
12-13	Total International fee (B+D-R) <b>I</b>	$\Rightarrow$ <b>564</b>
12-17	<b>TOTAL FEES PAYABLE (T+S+I+P)</b>	$\Rightarrow$ <b>1,211</b>
12-19	Mode of payment	<b>authorization to charge deposit account</b>
12-20	Deposit account instructions The receiving Office:	<b>United Kingdom Patent Office (RO/GB)</b>
12-20-1	Authorization to charge the total fees indicated above.	<b>✓</b>
12-20-2	Authorization to charge any deficiency or credit any overpayment in the total fees indicated above.	<b>✓</b>
12-20-3	Authorization to charge the fee for priority document.	<b>✓</b>
12-21	Deposit account No.	<b>D02934</b>
12-22	Date	<b>08 April 2003 (08.04.2003)</b>

## PCT (ANNEX - FEE CALCULATION SHEET)

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12-23	Name and signature	
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## VALIDATION LOG AND REMARKS

13-2-3	Validation messages Names	Yellow Applicant 1.:City missing
13-2-4	Validation messages Priority	Yellow! Priority 1: The twelve-month time limit for claiming priority would appear to have expired. Please verify.
13-2-7	Validation messages Contents	Green? The international application contains no drawings. Please verify.
13-2-9	Validation messages Payment	Green? Please ensure that you have a valid deposit account with the receiving Office selected.

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**PCT-EASY INFORMATION SHEET**

(For applicant use only, DO NOT submit this sheet with the international application)

**VALIDATION LOG**

Yellow	<b>Names</b> Applicant 1.:City missing
Yellow!	<b>Priority</b> Priority 1: The twelve-month time limit for claiming priority would appear to have expired. Please verify.
Green?	<b>Contents</b> The international application contains no drawings. Please verify.
Green?	<b>Payment</b> Please ensure that you have a valid deposit account with the receiving Office selected.

Before submitting the International Application, please carefully verify that:

- the information contained on printed Request form is correct;
- Box X of the Request form and Item 12-23 of the Annex to the Request form have been signed;
- all elements of the international application as indicated in Boxes VIII and IX of the Request form have been attached; and,
- the diskette containing the PCT-EASY zip file of the International Application has been enclosed and has been clearly labeled "PCT-EASY", with the applicant's or agent's file reference, and the first applicant's name.

**ATTENTION**

DO NOT modify any indications on the Request form printout. The electronic version of the PCT-EASY application has been locked. If an error or an omission is discovered at this time, you must reopen the stored form for submission, perform necessary amendments and immediately resubmit the form. Finally, a NEW submission diskette must be created manually by resending the corrected stored form to the diskette. The previously created printout and submission diskette must be destroyed in order to prevent the possibility of erroneously sending it to the RO.



## Abstract

The present invention provides a novel film coating dispersion obtainable by the polymerization of the following monomers in water:

acrylic acid or an ester thereof in the range 40 to 80 % by weight;  
methacrylic acid or an ester thereof in the range 20 to 60 % by weight; and  
a polymerizable surfactant in the range 0.01 to 9 % by weight.

The dispersion is suitable for coating pharmaceutical formulations to provide controlled release of the active ingredient.